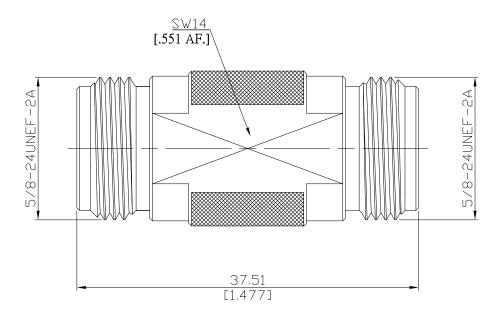


# Technical Data Sheet

# N Jack (Female) to N Jack (Female) Adapter DC-12.4 GHz VSWR1.15

# AD-N2N25A / H4-H4



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

### Interface

Impedance

According to

IEC 61169-16; MIL-STD-348B/304

## Electrical Data

Frequency
Insertion Loss
Insertion loss
Insulation resistance
Center contact resistance
Outer contact resistance
Working voltage
Power handling

50 Ω

DC to 12.4 GHz ≤ 1.15 (≥ 23.12 dB) ≤ 0.1 x√F (GHz) dB

≥ 128 dB @ DC to 1 GHz

 $\geq 5 \text{ G}\Omega$   $\leq 1 \text{ m}\Omega$   $\leq 0.25 \text{ m}\Omega$ 500 V rms

1000 W @ 1 GHz 700 W @ 2 GHz

RF leakage Material And Platina

| Malerial Alia Halling |                 |  |
|-----------------------|-----------------|--|
| Piece Parts (N)       | Material        | Plating  |
| Centre contact        | Phosphor Bronze | Gold plating, 3 µinch<br>(Non-magnetic nickel-phosphorus underplating, 80 µinch) |
| Body                  | Brass           | Copper-Tin-Zinc Alloy  |
| Insulator             | PTFE            |  |
| Piece Parts (N)       | Material        | Plating  |
| Centre contact        | Phosphor Bronze | Gold plating, 3 µinch<br>(Non-magnetic nickel-phosphorus underplating, 80 µinch) |
| Body                  | Brass           | Copper-Tin-Zinc Alloy  |
| Insulator             | PTFE            |  |

|  | The facts and figures herein are carefully compiled to the best of our      | L KOV.V | Rosnol RF/Microwave Technology Co., Ltd.      | Page |
|--|---|---------|---|------|
|  | knowledge, but they are intended for general informational purposes only.   |         | www.rosnol.com; info@rosnol.com               |      |
|  | In the effort to improve our products, we reserve the right to make changes | Date:   | Phone: +886-3-463-5095 / Fax: +886-3-463-5952 | 1 /2 |
|  | judged to be necessary.   |         | N-CAGE Code: SFKK0 / ISO9001 Certified        | 1/2  |



## Technical Data Sheet

# N Jack (Female) to N Jack (Female) Adapter DC-12.4 GHz VSWR1.15

# AD-N2N25A / H4-H4

## Mechanical Data

Coupling Mechanisms

Mating Cycles

Center contact captivation: axial

Coupling test torque

Recommended torque

### Environmental Data

Temperature Range Thermal shock

Corrosion

Vibration Shock

Moisture resistance

RoHS

### Packing

Screw-lock

≥ 500

≥ 28 N

≤ 1.7 Nm

0.7 Nm to 1.1 Nm

-65°C to +165°C

MIL-STD-202, Method 107, Condition B

MIL-STD-202, Method 101, Condition B MIL-STD-202, Method 204, Condition B

MIL-STD-202, Method 213, Condition I

MIL-STD-202, Method 106

compliant

Single or 100